

This listing of claims replaces all prior versions, and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) In a computer system, a ~~A method for building a group of computer programs selected from at least one group of computer programs on a selected computer of a plurality of computers, said plurality of computers being networked to a computer system having a user interface, said method comprising:~~

displaying a list of ~~said~~ at least one group of computer programs so as to allow a user to select a group of computer programs to be built, ~~each of~~ said at least one group of computer programs having a set of specific environmental requirements in which said at least one group of computer programs is to be compiled and executed;

displaying a list of ~~said~~ a plurality of computers, each computer of said plurality of computers having at least one environmental characteristic;

receiving a user's selection of a group of computer programs from said list of said at least one group of computer programs;

determining each computer, in said plurality of computers, capable of building the selected group of computer programs based on said at least one environmental characteristic;

indicating each said capable computer on said list of the plurality of computers; and

designating a capable computer in response to the user's selection of a computer from the capable computers on said list of the plurality of computers.

2. (Currently Amended) The A method according to claim 1, further comprising:

displaying a list of user-selectable options.

3. (Currently Amended) The A method according to claim 2, further comprising:

determining available build options for the selected computer; and

indicating said available build options on said list of user-selectable options.

4. (Currently Amended) The A method according to claim 2, further comprising:

executing, in response to a user-selectable option being selected, a build process for the selected group of computer programs using the selected computer.

5. (Currently Amended) The A method according to claim 4, further comprising:

outputting a result of said executing the build process.

6. (Currently Amended) The A method according to claim 2, wherein said user-selectable options include at least one of:

building a group of computer programs;

testing a group of computer programs;

checking a group of computer programs;

removing existing computer programs and files from a specific location assigned to a selected group; and

logging a result of executing a selected build option.

7. (Currently Amended) The A method according to claim 2, further comprising:

determining available processes for a selected user-selectable option ~~being selected~~; and
displaying a list of said available processes.

8. (Currently Amended) The A method according to claim 1, wherein said determining each computer includes:

obtaining said at least one environmental characteristic of said each computer; and
comparing said at least one environmental characteristic with said set of specific environmental requirements of the selected group of computer programs.

9. (Currently Amended) The A method according to claim 8, further comprising:

maintaining a file containing environmental characteristics of the plurality of computers; and
reading said at least one environmental characteristic of said each computer from said file.

10. (Currently Amended) The A method according to claim 9, wherein said maintaining includes updating said environmental characteristics of the plurality of computers contained in said file.

11. (Currently Amended) The A method according to claim 8, wherein said at least one environmental characteristic is obtained by making a query to said plurality of computers.

12. (Currently Amended) The A method according to claim 1, wherein said at least one environmental characteristic of the computer includes at least one of a number of CPUs within the computer, a CPU architecture, a bus width, a version

and type of an operating system, and an average load of the computer.

13. (Currently Amended) The A method according to claim 1, wherein in said indicating includes highlighting each said capable computer on said list of the plurality of computers.

14. (Currently Amended) The A method according to claim 1, wherein said set of specific environmental requirements includes at least one of a number of CPUs, a CPU architecture, a bus width, and a type and version of an operating system.

15. (Currently Amended) The A method according to claim 1, wherein said at least one group of computer programs is at least one library.

16. (Currently Amended) The A method according to claim 15, wherein said set of specific environmental requirements includes at least one of a number of CPUs, a CPU architecture, a bus width, a type and version of an operating system, a method of compiling, and a link type of a library.

17. (Currently Amended) The A method according to claim 16, wherein said displaying a list of said at least one group of computer programs includes showing at least one of said specific environmental requirements for each library.

18. In a software developing environment, a tool ~~for building a group of computer programs selected from at least one group of computer programs on a selected computer of a plurality of computers, said plurality of computers being~~

~~networked to a computer system having a user interface, said tool~~ comprising:

a display interface allowing a user to make a selection, including:

a list of ~~said~~ at least one group of computer programs, ~~each said~~ said at least one group of computer programs having a set of specific environmental requirements in which said at least one group of computer programs is to be compiled and executed; and

a list of ~~said~~ a plurality of computers, each of said plurality of computers having at least one environmental characteristic, wherein said plurality of computers are in a network;

a group selector receiving and implementing a user's selection of a group of programs from said list of said at least one group of computer programs;

a computer determiner to determine each computer, in said plurality of computers, capable of building the selected group of computer programs based on said at least one environmental characteristic;

a computer indicator for indicating each said capable computer on said list of the plurality of computers; and

a computer selector, responsive to the user's selection of a computer on said list of the plurality of computers, to designate a corresponding capable computer from among said plurality of computers ~~in the system~~.

19. (Currently Amended) The A tool according to claim 18, wherein said display interface further includes a list of user-selectable options.

20. (Currently Amended) The A tool according to claim 19, further comprising:

an option indicator, responsive to the user's selection of a computer, to determine available build options for the selected computer and to indicate said available build options on said list of user-selectable options.

21. (Currently Amended) The A tool according to claim 20, further comprising:

a build controller, responsive to the user's selection of a build option, to execute a build process for the selected group of programs using the selected computer in accordance with the selected build option.

22. (Currently Amended) The A tool according to claim 21, wherein said build controller outputs a result executing the build process.

23. (Currently Amended) The A tool according to claim 19, wherein said user-selectable options include at least one of:

building a group of computer programs;
testing a group of computer programs;
checking a group of computer programs;
removing existing computer programs and files from a specific location assigned to a selected group; and
logging a result of executing a selected build option.

24. (Currently Amended) The A tool according to claim 19, wherein said option indicator further determines available processes for a selected user-selectable option-being selected, and displays a list of said available processes on said display interface.

25. (Currently Amended) The A tool according to claim 18, wherein said computer determiner includes:

a properties determiner for obtaining said at least one environmental characteristic of ~~the computers~~ said each computer; and

a comparer for comparing said at least one environmental characteristic with the set of specific environmental requirements of the selected group of computer programs.

26. (Currently Amended) The A tool according to claim 18, wherein said computer determiner further includes:

a file for storing ~~the~~ environmental characteristics of the plurality of computers.

27. (Currently Amended) The A tool according to claim 26, wherein said computer determiner further includes:

a file maintainer for updating said environmental characteristics of the plurality of computers contained in said file.

28. (Currently Amended) The A tool according to claim 25, wherein said properties determiner makes a query to the plurality of computers to obtain said at least one environmental characteristic.

29. (Currently Amended) The A tool according to claim 18, wherein said at least one environmental characteristic of the computer includes at least one of a number of CPUs within the computer, a CPU architecture, a bus width, a version and type of an operating system, and an average load of the computer.

30. (Currently Amended) The A tool according to claim 18, wherein said computer indicator highlights each said capable computer on said list of the computers.

31. (Currently Amended) The A tool according to claim 18, wherein said set of specific environmental requirements includes at least one of a number of CPUs required, a CPU architecture, a bus width, and a type and version of an operating system.

32. (Currently Amended) The A tool according to claim 18, wherein said ~~groups~~ at least one group of computer programs ~~are libraries~~ is at least one library.

33. (Currently Amended) The A tool according to claim 32, wherein said set of specific environmental requirements includes at least one of a number of CPUs, a CPU architecture, a bus width, a type and version of an operating system, a method of compiling, and a link type of a library.

34. (Currently Amended) The A tool according to claim 33, wherein said list of said at least one group of computer programs includes at least one of said specific environmental requirements associated with each library.

35. (Currently Amended) ~~An apparatus for building a group of computer programs selected from at least one group of computer programs on a selected computer of a plurality of computers, said plurality of computers being networked to a computer system having a user interface, said apparatus comprising:~~

means for displaying a list of ~~said~~ at least one group of computer programs so as to allow a user to select a group of computer programs to be built, each said at

least one group of computer programs having a set of specific environmental requirements in which said at least one group of computer programs is to be compiled and executed;

means for displaying a list of ~~said~~ a plurality of computers, each computer of said plurality of computers having at least one environmental characteristic;

means for receiving a user's selection of a group of computer programs from said list of at least one group of computer programs;

means for determining each computer, in said plurality of computers, capable of building the selected group of programs based on said at least one environmental characteristic;

means for indicating each said capable computer on said list of the plurality of computers; and

means for designating a capable computer in response to the user's selection of a computer from the capable computers on said list of the plurality of computers.

36. (Currently Amended) ~~An~~ The apparatus according to claim 35, further comprising:

means for displaying a list of user-selectable options.

37. (Currently Amended) ~~An~~ The apparatus according to claim 36, further comprising:

means for determining available build options for the selected computer; and

means for indicating said available build options on said list of user-selectable options.

38. (Currently Amended) ~~An~~ The apparatus according to claim 36, further comprising:

means for executing, in response to a user-selectable option being selected, a build process for the selected group of computer programs using the selected computer.

39. (Currently Amended) ~~An~~ The apparatus according to claim 38, further comprising:

means for outputting a result of said executing the build process.

40. (Currently Amended) ~~An~~ The apparatus according to claim 36, wherein said user-selectable options include at least one of:

building a group of computer programs;
testing a group of computer programs;
checking a group of computer programs;
removing existing computer programs and files from a specific location assigned to a selected group; and
logging a result of executing a selected build option.

41. (Currently Amended) ~~An~~ The apparatus according to claim 36, further comprising:

means for determining available processes for a selected user-selectable option ~~being selected~~; and
means for displaying a list of said available processes.

42. (Currently Amended) ~~An~~ The apparatus according to claim 35, wherein said means for determining each computer includes:

means for obtaining said at least one environmental characteristic of said each computer; and

means for comparing said at least one environmental characteristic with said set of specific environmental requirements of the selected group of computer programs.

43. (Currently Amended) ~~An~~ The An apparatus according to claim 42, further comprising:

means for maintaining a file containing environmental characteristics of the plurality of computers; and

means for reading said at least one environmental characteristic of said each computer from said file.

44. (Currently Amended) ~~An~~ The apparatus according to claim 43, said means for maintaining includes means for updating said environmental characteristics of the plurality of computers contained in said file.

45. (Currently Amended) ~~An~~ The apparatus according to claim 42, wherein said means for obtaining includes means for making a query to said plurality of computers to obtain said at least one environmental characteristic.

46. (Currently Amended) ~~An~~ The apparatus according to claim 35, wherein said at least one environmental characteristic of the computer includes at least one of a number of CPUs within the computer, a CPU architecture, a bus width, a version and type of an operating system, and an average load of the computer.

47. (Currently Amended) ~~An~~ The apparatus according to claim 35, wherein in said means for indicating includes means for highlighting each said capable computer on said list of the plurality of computers.

48. (Currently Amended) ~~An~~ The apparatus according to claim 35, wherein said set of specific environmental requirements includes at least one of a number of CPUs, a CPU architecture, a bus width, and a type and version of an operating system.

49. (Currently Amended) ~~An~~ The apparatus according to claim 35, wherein said at least one group of computer programs is ~~are~~ at least one library.

50. (Currently Amended) ~~An~~ The apparatus according to claim 49, wherein said set of specific environmental requirements includes at least one of a number of CPUs, a CPU architecture, a bus width, a type and version of an operating system, ~~An~~ an apparatus ~~of~~ for compiling, and a link type of a library.

51. (Currently Amended) ~~An~~ The apparatus according to claim 50, wherein said means for displaying a list of said at least one group of computer programs includes means for showing at least one of said set of specific environmental requirements for each library.

52. (Currently Amended) A program storage device readable by a computer, tangibly embodying a program of instructions executable by the computer to perform a method for building a group of computer programs selected from at least one group of computer programs on a selected computer of a plurality of computers networked to a computer system having a user interface, said method comprising:

displaying a list of said at least one group of computer programs so as to allow a user to select a group of computer programs to be built, each of said at least one group of computer programs having a set of specific

environmental requirements in which said at least one
group of computer programs is to be compiled and executed;
displaying a list of said plurality of computers,
each computer of said plurality of computers having at
least one environmental characteristic;
receiving a user's selection of a group of computer
programs from said at least one group;
determining each computer, in said plurality of
computers, capable of building the selected group of
programs based on said at least one environmental
characteristic;
indicating each said capable computer on said list of
the plurality of computers; and
designating a capable computer in response to the
user's selection of a computer from the capable computers
on said list of said plurality of computers.